

BRUHATH BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE

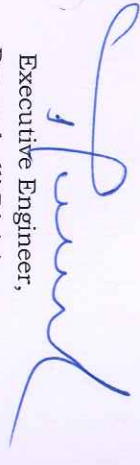
Office of the Executive Engineer Dasarahalli Division,

SCHEDULE-B

Name of Work: Improvements to Main & Cross Roads in Kuvempu Layout & Chikkasandra Village Limit, at Medrahalli, in Ward no. 12, in Shettyhalli Sub-Division

Sl. No	Description of work	Unit	Qty	Sanctioned Approved Rates	
				In Figures	In Words (Rs.)
1	2	3	4	5	6
1	Earthwork excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.	Sqm	373.60	90.72	Rs. Ninety & Seventy two paise only
2	Construction of granular sub-base by providing close graded material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method. Close graded granular sub-base material as per 400-1 For Grading-1	Cum	186.80	1060.56	Rs. One Thousand sixty & fifty six paise only
3	Wet Mix Macadam - KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406		186.80	1121.04	Rs. One thousand one hundred and twenty one & four paise only
4	Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502	Sqm	934.00	44.28	Rs. Forty four & twenty eight paise only
5	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH / Chapter 5.	Sqm	5684.00	2.59	Rs. Two & Fifty nine paise only
6	Providing and applying tack coat on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5	Sqm	5703.20	11.99	Rs. Seventeen & Ninety three paise only


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7	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50 /75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack coat with lead upto 1km including cost of all materials, labour, H.O.M of machines complete as per specifications.MORTH /Chapter 5. With 60/70 grade bitumen.	Cum	46.70	6646.32	Rs. Six thousand seventy hundred & Thirty three & Eighty paise only
8	Providing and laying bituminous concrete with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 50930-45mm compacted thickness (Grading II) with 6% Bitumen 60/70		228.13	11284.92	Rs. Eleven Thousand two hundred and Eighty Four & Ninety two paise only
9	Carriage of mixed materials 10kms . For items of Sl. No (1) rs. 5.20 per cum/km.		274.83	56.16	Rs. Fifty Six & Sixteen paise only
10	Road Marking with Hot Applied Thermoplastic Compound with Reflectising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.	Sqm	290.10	471.96	Rs. Four hundred and Seventy one & Ninety six paise only

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